

SEQUENCE LISTING

<110> Ebner et al.

<120> Interleukin-20

<130> PF399

<140> Unassigned

<141> 1998-07-15

<150> 60/052,870

<151> 1997-07-16

<150> 60/060,140

<151> 1997-09-26

<160> 11

<170> PatentIn Ver. 2.0

<210> 1

<211> 705

<212> DNA

<213> Homo sapiens

<400> 1

```

tccaggcggg cagcagctgc aggcagacct tgcagcttgg cggaatggac tggcctcaca 60
acctgctgtt tcttcttacc atttccatct tccctggggct gggccagccc aggagcccca 120
aaagcaagag gaaggggcaa gggcgccctg ggcccctggc ccctggccct caccaggtgc 180
cactggacct ggtgtcacgg atgaaaccgt atgcccgcgt ggaggagtat gagaggaaca 240
tcgaggagat ggtggcccag ctgaggaaca gctcagagct ggcccagaga aagtgtgagg 300
tcaacttgca gctgtggatg tccaacaaga ggagcctgtc tccctggggc tacagcatca 360
accacgaccc cagccgtatc cccgtggacc tgcggagggc acggtgcctg tgtctgggct 420
gtgtgaaccc cttcaccatg caggaggacc gcagcatggt gagcgtgccg gtgttcagcc 480
aggttctctg gcgcccgcgc ctctgcccgc caccgccccg cacagggcct tgccgccagc 540
gcgcagtcac ggagaccatc gctgtgggct gcacctgcac cttctgaatt acctggccca 600
gaagccaggc cagcagcccg agaccatcct ccttgccacct ttgtgccaag aaaggcctat 660
gaaaagtaaa cactgacttt tgaaagcaaa aaaaaaaaaa aaaaaa 705

```

<210> 2

<211> 180

<212> PRT

<213> Homo sapiens

<400> 2

```

Met Asp Trp Pro His Asn Leu Leu Phe Leu Leu Thr Ile Ser Ile Phe
  1              5              10              15

Leu Gly Leu Gly Gln Pro Arg Ser Pro Lys Ser Lys Arg Lys Gly Gln
      20              25              30

Gly Arg Pro Gly Pro Leu Ala Pro Gly Pro His Gln Val Pro Leu Asp
      35              40              45

Leu Val Ser Arg Met Lys Pro Tyr Ala Arg Met Glu Glu Tyr Glu Arg
      50              55              60

Asn Ile Glu Glu Met Val Ala Gln Leu Arg Asn Ser Ser Glu Leu Ala
      65              70              75              80

```

09115832 071598

Sub
A2

09115832-071598

Sub
cont

Gln Arg Lys Cys Glu Val Asn Leu Gln Leu Trp Met Ser Asn Lys Arg
85 90 95

Ser Leu Ser Pro Trp Gly Tyr Ser Ile Asn His Asp Pro Ser Arg Ile
100 105 110

Pro Val Asp Leu Pro Glu Ala Arg Cys Leu Cys Leu Gly Cys Val Asn
115 120 125

Pro Phe Thr Met Gln Glu Asp Arg Ser Met Val Ser Val Pro Val Phe
130 135 140

Ser Gln Val Pro Val Arg Arg Arg Leu Cys Pro Pro Pro Pro Arg Thr
145 150 155 160

Gly Pro Cys Arg Gln Arg Ala Val Met Glu Thr Ile Ala Val Gly Cys
165 170 175

Thr Cys Ile Phe
180

<210> 3
<211> 155
<212> PRT
<213> Homo sapiens

<400> 3
Met Thr Pro Gly Lys Thr Ser Leu Val Ser Leu Leu Leu Leu Leu Ser
1 5 10 15

Leu Glu Ala Ile Val Lys Ala Gly Ile Thr Ile Pro Arg Asn Pro Gly
20 25 30

Cys Pro Asn Ser Glu Asp Lys Asn Phe Pro Arg Thr Val Met Val Asn
35 40 45

Leu Asn Ile His Asn Arg Asn Thr Asn Thr Asn Pro Lys Arg Ser Ser
50 55 60

Asp Tyr Tyr Asn Arg Ser Thr Ser Pro Trp Asn Leu His Arg Asn Glu
65 70 75 80

Asp Pro Glu Arg Tyr Pro Ser Val Ile Trp Glu Ala Lys Cys Arg His
85 90 95

Leu Gly Cys Ile Asn Ala Asp Gly Asn Val Asp Tyr His Met Asn Ser
100 105 110

Val Pro Ile Gln Gln Glu Ile Leu Val Leu Arg Arg Glu Pro Pro His
115 120 125

Cys Pro Asn Ser Phe Arg Leu Glu Lys Ile Leu Val Ser Val Gly Cys
130 135 140

Thr Cys Val Thr Pro Ile Val His His Val Ala
145 150 155

<210> 4
<211> 498
<212> DNA

<213> Homo sapiens
<220>
<221> misc_feature
<222> (13)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (58)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (179)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (213)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (312)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (314)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (323)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (331)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (337)
<223> n equals a, t, g, or c

<220>
<221> misc_difference
<222> (340)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (348)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (363)
<223> n equals a, t, g, or c

09115832.071598

*Sub
as
cont*

<220>
 <221> misc_feature
 <222> (365)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (369)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (375)..(376)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (385)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (391)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (393)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (395)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (398)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (403)..(405)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (407)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (409)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (413)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature

065T20" 225T160

Sub
C22
Cont

<222> (415)..(416)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (420)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (423)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (428)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (433)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (435)..(436)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (440)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (450)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (452)..(453)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (460)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (465)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (467)
 <223> n equals a, t, g, or c

 <220>
 <221> misc_feature
 <222> (470)
 <223> n equals a, t, g, or c

09115032.071598

Sub
a2
cont

<220>
 <221> misc_feature
 <222> (475)..(476)
 <223> n equals a, t, g, or c

<220>
 <221> misc_difference
 <222> (490)
 <223> n equals a, t, g, or c

<220>
 <221> misc_feature
 <222> (492)
 <223> n equals a, t, g, or c

<400> 4
 aattcggcac gantccaggc gggcagcagc tgcaggctga ccttgcagct tggcggantg 60
 gactggcctc acaacctgct gtttcttctt accatttcca tcttctctggg gctgggccag 120
 cccaggagcc ccaaaagcaa gaggaagggg caagggcggc ctggggccct ggnccctggnc 180
 ctcaccagggt gccactggac ctggtgtcac ggntgaaacc gtatgccgc atggaggagt 240
 atgagaggaa catcgaggag atggtggccc agctgaggaa cagctcanag ctggggcccag 300
 agaaagtgtt angntcaact ttncaaagctt ntgggtnttn caacaagnag gtagcctgtt 360
 ttncntggng gttannagta tgaatncaag nancncangc gtnnntncng ttngnncctn 420
 tctggagnac gtntnncctn tttttttggn tnnttgaacn ctttnanatn gtagnnggac 480
 ctagaattgn tnagggtg 498

<210> 5
 <211> 42
 <212> DNA
 <213> Homo sapiens

<400> 5
 gatcgcggtat cccagcccag gagccccaaa agcaagagga ag 42

<210> 6
 <211> 47
 <212> DNA
 <213> Homo sapiens

<400> 6
 gatcgcggtta cccagggtta tcagaagatg cagggtgcagc ccacagc 47

<210> 7
 <211> 53
 <212> DNA
 <213> Homo sapiens

<400> 7
 gatcgcggtat ccgcatcat ggactggcct cacaacctgc tgtttcttct tac 53

<210> 8
 <211> 47
 <212> DNA
 <213> Homo sapiens

<400> 8
 gatcgcggtta cccagggtta tcagaagatg cagggtgcagc ccacagc 47

<210> 9
 <211> 53
 <212> DNA

0915832.071590

Sub
 A2
 cont

<213> Homo sapiens

<400> 9

gacgcggtgta cagccatcat ggactggcct cacaacctgc tgtttcttct tac

53

<210> 10

<211> 47

<212> DNA

<213> Homo sapiens

<400> 10

gacgcgggat cccaggttta tcagaagatg caggtgcagc ccacagc

47

<210> 11

<211> 126

<212> PRT

<213> Homo sapiens

<400> 11

Met Asp Trp Pro His Asn Leu Leu Phe Leu Leu Thr Ile Ser Ile Phe
1 5 10 15

Leu Gly Leu Gly Gln Pro Arg Ser Pro Lys Ser Lys Arg Lys Gly Gln
20 25 30

Gly Arg Pro Gly Pro Leu Ala Pro Gly Pro His Gln Val Pro Leu Asp
35 40 45

Leu Val Ser Arg Met Lys Pro Tyr Ala Arg Met Glu Glu Tyr Glu Arg
50 55 60

Asn Ile Glu Glu Met Val Ala Gln Leu Arg Asn Ser Ser Glu Leu Ala
65 70 75 80

Gln Arg Lys Cys Glu Val Asn Leu Gln Leu Trp Met Ser Asn Lys Arg
85 90 95

Ser Leu Ser Pro Trp Gly Tyr Ser Ile Asn His Asp Pro Ser Arg Ile
100 105 110

Pro Val Asp Leu Pro Glu His Gly Ala Cys Val Trp Ala Val
115 120 125

0915832.071598

Sub
a2
cont